The Creative Industries and Civil Societies theme approaches the real world in a truly multi-disciplinary fashion to deliver research that shapes our understanding of today and the society of tomorrow.

It draws together researchers from the arts and social sciences, design and the sciences to give a unique perspective on cultures, creative practice, knowledge and learning and cultural change. Researchers in this theme examine the impact of technology upon society, the characteristics that effect social cohesion and the opportunities for creativity and creative industries.

This is one of our broadest themes; the breadth of research it produces is reflective of the increasingly complex nature of civil societies and of the exciting developments taking place in creative industries. UTS is uniquely placed in the heart of Sydney’s creative precinct. Alongside key partners including the Commonwealth Bank Australia, we’re leading the Creative Digital Innovation Partnership. This unique, national collaboration of start-ups, SMEs, global firms, government and researchers will accelerate the take up of digital technologies and services, innovation and creative content across all sectors of the Australian economy.

Why UTS?

STATE-OF-THE-ART FACILITIES

The Centre for Forensic Science (CFS) members work within UTS Science’s state-of-the-art forensic and imaging laboratories, which come with many sophisticated and cutting-edge instruments. These include a scanning electron microscope set-up for gunshot residue analysis, an automated fingerprint finder, forensic imaging systems, including Barin/Poklewski tylenol and Faster & Freeman VSG, and DNA sequencing infrastructure.

The joint nuclear magnetic resonance facility established with Agilent Technologies houses cutting-edge technology which supports a number of research projects, including work into fingerprinting techniques using target reactions with amino acids.

The Law Research Centre (LRC) is home to the Australasian Legal Information Institute (AustLII), a joint facility of UTS and the University of New South Wales. AustLII is Australia’s most popular online free-access resource for Australian legal information with over 600,000 hits daily and over four million searchable documents.

The Interactivation Studio is used to research the interaction between people and technology. Researchers using the space are able to develop human-computer interfaces for expression and performance, instruments, and interactive environments. Its flexible layout and reconfigurable viewing spaces encourage rapid changes to the lab format, and houses high-end video projectors, multi-channel studio audio systems, tools, electronic materials, interfaces and powerful computers. This is just one of the leading facilities within the Faculty of Design, Architecture and Building which helps generate a dynamic research culture and enable the integration of digital technologies and research into professional practice.

RESEARCH WITH IMPACT

Data science research which has real impact for society, industry and environment is a core element of the UTS vision. The Centre for Information Futures, for example, developed a new method, using heat, to develop fingerprints. The technology has been licensed and could revolutionise how fingerprints are collected at crime scenes.

The Designing Out Crime research centre is reducing vandalism and anti-social behaviour through redesign of public transport and transport hubs in partnership with local and state authorities. Developed with RailCorp, the HUB 2020 rubbish bin is a ‘counter-terrorism bin’ designed in such a way to reduce opportunities to conceal explosive devices. The bin is a front-loading, tamper-proof, semi-transparent modular unit that can be wall-mounted securely and e-liquored without being dismantled.

A smart phone application developed for Destination NSW is providing new insights into how, where and why tourists travel in NSW. The application incorporates an easy-to-use survey and automatically records date, time and GPS information to track tourists movements around NSW. UTS is collating the data and will use it to offer recommendations to industry and government about how to improve tourist offerings across the state.

Partnering with Electroboard, the Centre for Research in Learning and Change worked to examine how educational technology will be shaped by new technologies such as interactive whiteboards. The research gave educators a real insight into how to choose the right technology for their learning environment, while Electroboard benefits from the improved understanding of selection criteria to enhance their technology offerings in the future.

Researchers within the Cosmopolitan Civil Societies strength work with institutions to gain insights into how the failure of information and communication technology creates disorder in our work and personal lives. By examining how different organisations manage the process of developing and installing software, they are able to help organisations assess the effectiveness of current procedures and to develop means of managing the sometimes chaotic effects of software installations.

Globally Recognised

UTS is ranked in the top 50 universities in the Academic Ranking of World Universities.

UTS was ranked 10th in Australia at 272 in the QS World University 2013–2014 index. UTS ranks first in Australia and 20th in the world for universities under 50 years old according to the 2014 edition of the QS Top 50 Under 50 index of newer universities – those less than 50 years old. The rankings are based on research, teaching, employability and internationalisation.

UTS was ranked in the top 50 universities in the Times Higher Education World University Rankings 2013–2016, powered by Thomson Reuters, and ranked 10th in Australia. For universities under 50 years old, UTS was ranked 8th globally.

The Australian Research Council’s 2012 Excellence in Research for Australia (ERA) rated 100 per cent of all assessed UTS research as world standard or above to world leading.
STARTING A RESEARCH COLLABORATION WITH UTS

A research partnership allows you and your organisation to access the skills and knowledge of UTS’s talented people and our leading facilities. We have opportunities for organisations of all sizes to engage with our research solutions.

There is a collaborative research model to suit whatever organisational outcome you are seeking, regardless of the type of problem you wish to address.

CONTACT RESEARCH
If you have a particular problem in mind and a sense of the research model that is best for your needs, UTS can work with you to develop a research contract to solve the problem.

COLLABORATIVE RESEARCH
You can access intellectual input and resources including staff, funding, materials and facilities to collaborate with UTS researchers on a project that fits your business objectives.

INDUSTRY SPONSORED PhD SCHOLARSHIPS
Enhance the professional capacity of your staff or bring in a UTS PhD student to undertake targeted research for your business. An industry funded PhD comprises unique benefits and low cost research solutions and provides you as a global leader in your field.

AUSTRALIAN COMPETITIVE GRANTS
You may choose to leverage your research investment by aligning with a UTS application under the Australian Competitive Grants Register. Relevant funding schemes include ARC Linkage Grants and NHMRC Development Grants.

COMMERCIALISATION OPPORTUNITIES
UTS has many inventions and technologies that are under commercial development. You can support their further research or license the technology for commercial use.

GOVERNMENT SUPPORTED RESEARCH
Our industry partners have achieved exciting successes working with UTS through government schemes such as Tech Vouchers and Researchers in Business. As a UTS industry partner, you may also be eligible for R&D tax credits.

FIND A COLLABORATOR
UTS researchers are actively seeking new opportunities for collaboration with other researchers, domestically and internationally, and increasing our research collaboration to open the scope for UTS research as a way. We are also committed to promoting innovation and excellence in researcher education, including fostering and maintaining a vibrant research community.

Contact our team to get some ideas about the sort of research expertise that will best fit your needs.

UTS Research and Innovation Office
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www.uts.edu.au/research

Find out how you can engage with collaborative research opportunities in one of UTS’s other research theme areas

Health Futures
UTS researchers are improving the quality and safety of health care with specific strengths in developing biotechnology and medical devices, evaluating health systems and services to improve practice and generating meaningful economic analyses to take health into the future.

Sustainability and the Built Environment
Across areas from climate, water, energy to the built environment, UTS researchers are working towards holistic, research approaches to environmental issues and policies.

Business Innovation
Our experts are world-leading in fundamental discipline areas such as finance, economics, accounting, marketing and management with innovative cross-disciplinary approaches to the role of business and public policy in addressing key economic, social and environmental problems.

Communication and Intelligent Systems
This theme addresses issues that are fundamental to society, namely how we communicate and share information. Researchers examine new ways to draw insight from oceans of data, understanding and leveraging the communication potential of new media and technologies, designing real-time intelligent systems and investigating how regulation can promote the free and ethical flow of information.

Future Services, Industries and Productivity
UTS researchers in areas such as robotics, IT and nanomaterials are defining and supporting the next generation of Australian industry and services.

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